

Two-wire Connection Color Video Doorphone With Auto-record Function

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MODEL: RL-037MP



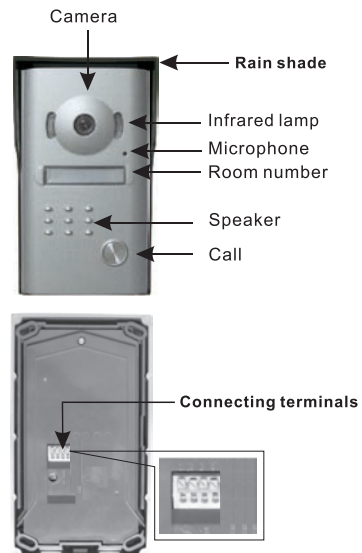
USER MANUAL

Features

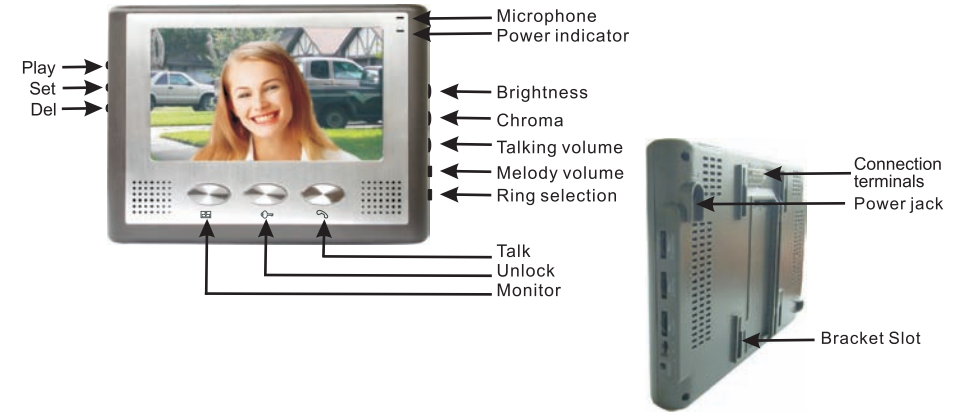
- Two-wire connection
- 7" TFT screen with high definition, no radiation and low power consumption.
- Slim-fit designed aluminum alloy panel indoor unit leads a fashionable and luxurious life.
- Color picture auto-recording function
- High capacity, auto-recording up to 127 pictures.
- Aluminum alloy outdoor unit is anti-oxidation, waterproof, damage-proof and wearable.
- Hands-free intercommunication.
- Electronic unlocking.
- Monitoring the outdoor
- 8-chord melody rings for option.
- Talking and melody volume adjustable
- Chroma, brightness adjustable
- Enclosed an adapter and 15m cable for DIY installation.
- The electric lock can be connected with outdoor unit or indoor unit.

Outdoor unit

- Infrared distance: more than 4m
- Video gain control: automatically
- Working temperature: $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- Resolution ratio:
 - CCD camera above 420 TV line
 - CMOS camera above 380 TV line
- Dimension:
 - (W)105×(H)180×(D)55mm



Indoor unit



Performance data

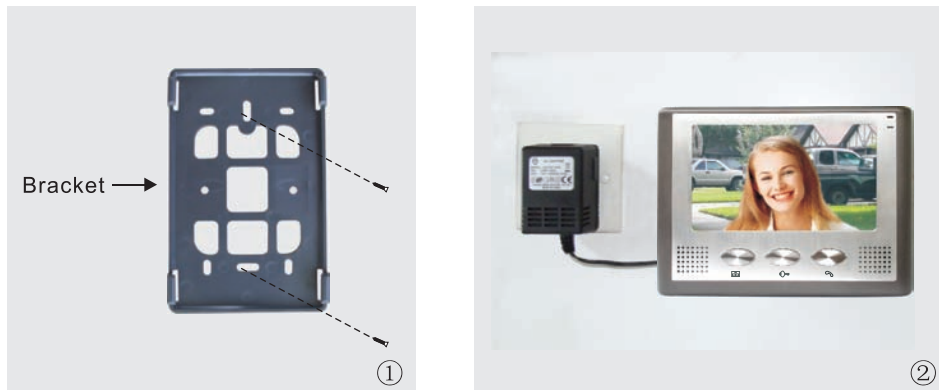
- Adapter input voltage: AC110V-120V/60Hz or AC220V-240V/50Hz
- Adapter output voltage, currency: DC15V 1200mA
- Talking time: $120\text{s} \pm 10\%$
- Monitoring time: $40\text{s} \pm 10\%$
- Working distance: 50m ($2 \times 0.75\text{mm}^2$)
- Power consumption: Standby state $< 0.5\text{W}$ Talking state $< 10\text{W}$
- Illumination: 2LUX
- Visual angle: 92° wide angle
- Working temperature: $-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$
- Relative humidity: 10% ~ 90% (RH)

Technique parameter:

Parameter	Specification	Unit
Screen size	7.0(16:9 diagonal)	Inch
Resolution	1440(H)×234(V)	dot
Working area	154.08(H)×86.58(V)	mm
Pixel size	0.107(H)×0.370(V)	mm
Outline dimension	166.0(W)×100.0(H)×7.2(D)(typ.)	mm

Installation

A. Installation of indoor unit:

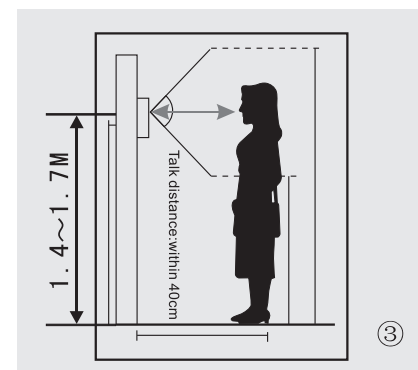


- 1) Fasten the bracket on the wall with screws.
- 2) Hang the indoor unit on the bracket after finishing connection.
Then plug the enclosed adapter into the AC power socket and the power socket of indoor unit.

B. Installation of outdoor unit



- 1) Take off the screws on the bottom and remove the front cover.
- 2) Take off the Room No. lid, write down your number and cover it.



- 3) 1.4m ~ 1.7m above the ground (according to the camera effect).
Avoid direct sunshine.
- 4) Fix the unit and rain shade on the wall with enclosed screws.



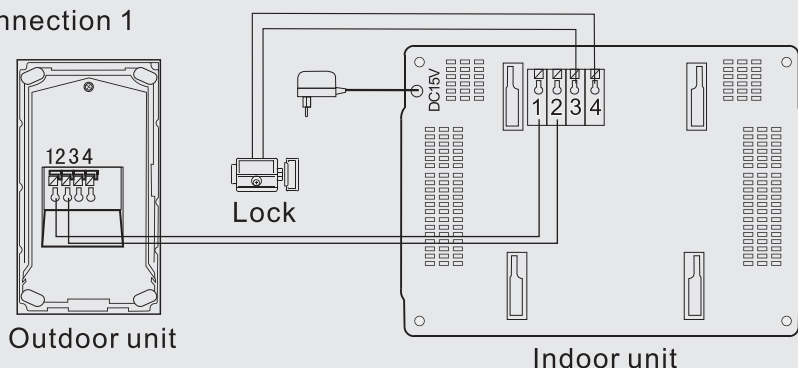
- 5) Cover the aluminum alloy panel and tighten up the screws on the bottom.

C. Connection wire instruction:

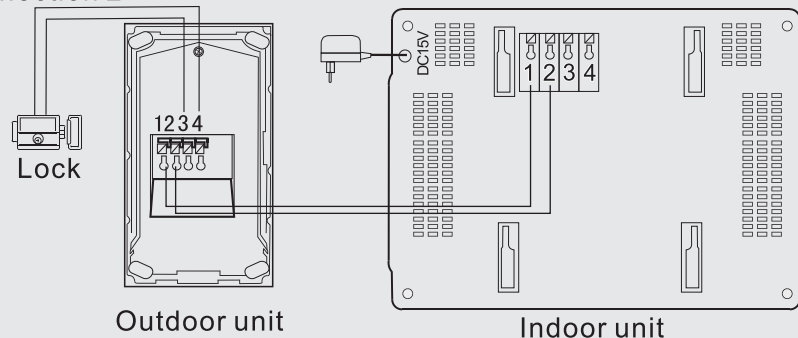
It needs to work with 15m cable. If the user wants to lengthen it into 15m~50m cable, 75-5 video signal wire should be used. Two connection ways: ① If the electric lock is connected with the outdoor terminals 3&4, connect the wiring terminals 1& 2 of the indoor unit with the relevant outdoor terminals. ② If the electric lock is connected with the indoor terminals 3& 4(Use $2 \times 1.0 \text{ mm}^2$ connecting wire for the electric lock.), please connect the indoor terminals 1 & 2 with the outdoor terminals 1&2 (no difference of anode and cathode). Choose one connection way and refer to wiring diagram.

Wiring diagram

Connection 1



Connection 2



Operation instruction

- Press CALL button of outdoor unit, graceful rings will be heard from indoor unit and images of visitor will appear, at the same time a picture of the caller will be taken and the visiting time will be saved automatically. Press Talk button and then the host could communicate with visitor for around 120 seconds at a time.
- Door will open when host presses UNLOCK button of indoor unit.
- Press MONITOR button, the host could monitor the outdoor for around 40 seconds; press MONITOR button again to standby mode.



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- Press SET button to adjust the time with PLAY and DEL button.
- Press PLAY button to browse recorded pictures and turn to next one, press SET button to browse the previous picture, then press MONITOR button to finish playing mode and turn to monitoring mode.
- Press PLAY button and then press DEL button twice to delete the present picture.
- 127 pictures can be recorded at most. When the deposit is full, the later picture will cover the former picture automatically.
- In MONITOR state, press TALK can communicate with the outdoor visitor. After talking, press TALK again to hang up.
- Brightness, chroma, talking and melody volume could be adjusted from indoor unit.
- 8-chord melody rings for your option.
- Please take off the safety film for best performance. Begin with the red arrow at the top right corner of screen.

Accessories

- One indoor unit
- One outdoor unit
- One adapter
- One rain shade
- One bracket for indoor unit
- One piece of 15m cable
- Screws

Warning

- Do not install the indoor unit in place with high temperature, high humidity or near TV.
- Do not touch the display with wet hands.
- Use soft cloth to clean the camera and screen for best view.
- Corrosive and volatile liquid, detergent and thinner are forbidden.
- Do not throw or hit the units.
Avoid strong and direct sunshine to camera for best view.
- Press ALARM button or start internal intercommunication system will affect the image effect.
- The passage of cars and motorcycles will affect the image effect.



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